

ABSTRACT OF THE DISCLOSURE

There is provided an ink jet recording head which can efficiently prevent ink from corroding an insulating film layer. A positive electrode is disposed on an upper surface of the insulating film layer and a negative electrode is disposed on a lower surface of the insulating film layer, which is referred to as a turnover structure. There is no electrode between any two adjacent heater resistor portions. As a result, high-density disposition of the heater resistor portions can be carried out. The heater resistor portions are thermally oxidized, so that surfaces thereof are changed into tantalum insulating films (surface oxidation films), which serve as ink protection layers. A second insulating film layer is totally covered by the heater resistor portions and the partition walls and is not exposed. Thus, ink does not contact the second insulating film layer, and the second insulating film layer is not corroded by ink.